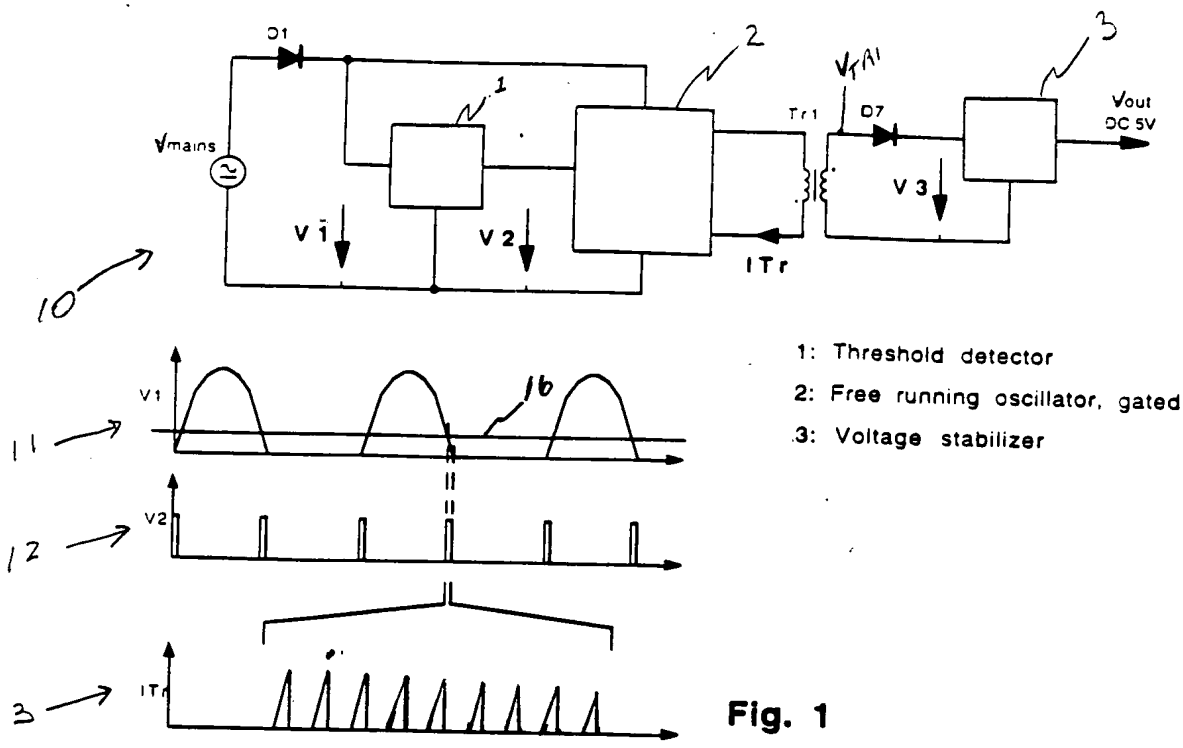

1: Threshold detector

2: Free running oscillator, gated

3: Voltage stabilizer

Fig. 1

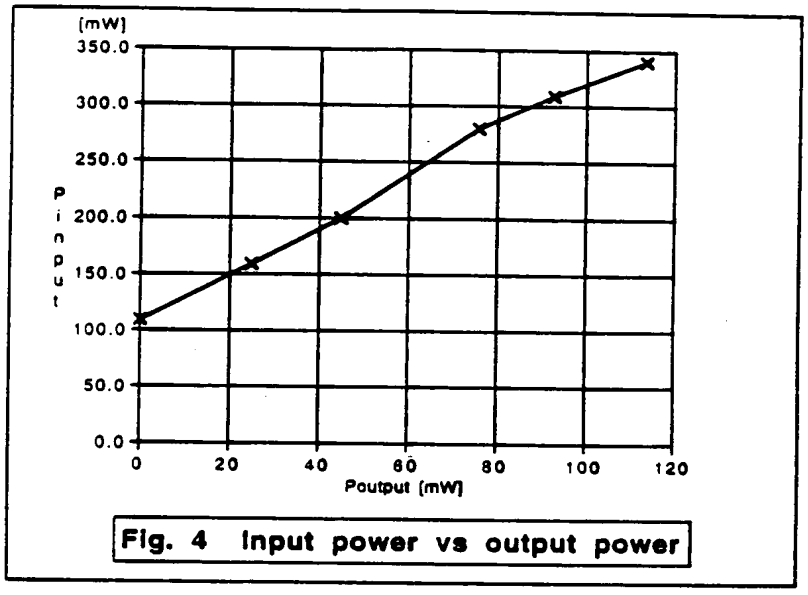

Fig. 4 Input power vs output power

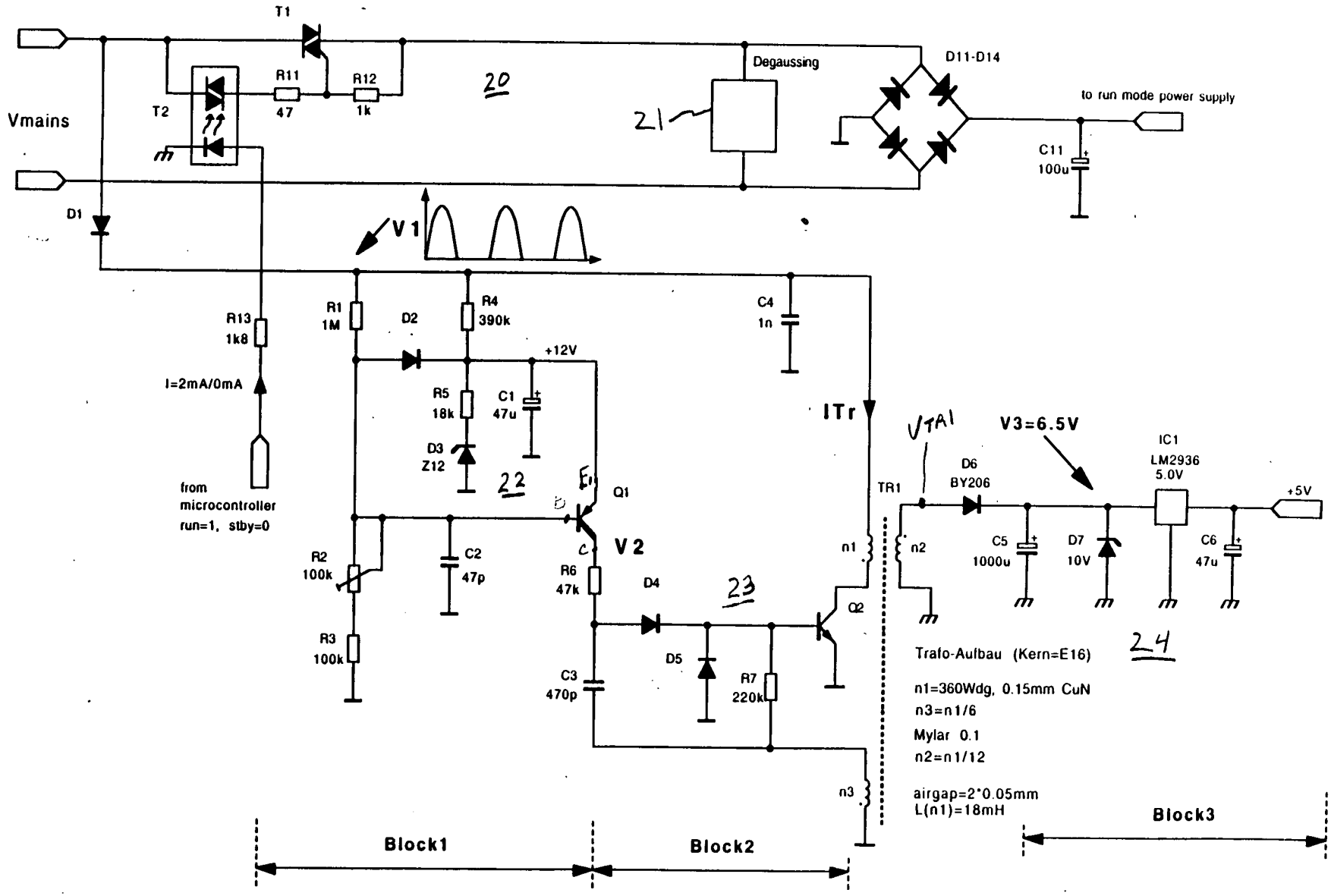
T1
T2
R11
47
R12
1k
20
Vmains
Degaussing
21
D11-D14
to run mode power supply
C11
100u
D1
V1
R13
1k8
I=2mA/0mA
from
microcontroller
run=1, stby=0
R1
1M
D2
R4
390k
+12V
C4
1n
R5
18k
C1
47u
D3
Z12
22
ITr
VTA1
V3=6.5V
IC1
LM2936
5.0V
D6
BY206
TR1
+5V
Q1
V2
R2
100k
C2
47p
R6
47k
D4
23
n1
n2
C5
1000u
D7
10V
C6
47u
Q2
R3
100k
C3
470p
D5
R7
220k
n3
Trafo-Aufbau (Kern=E16)
24
n1=360Wdg, 0.15mm CuN
n3=n1/6
Mylar 0.1
n2=n1/12
airgap=2*0.05mm
L(n1)=18mH
Block1
Block2
Block3

Fig. 2

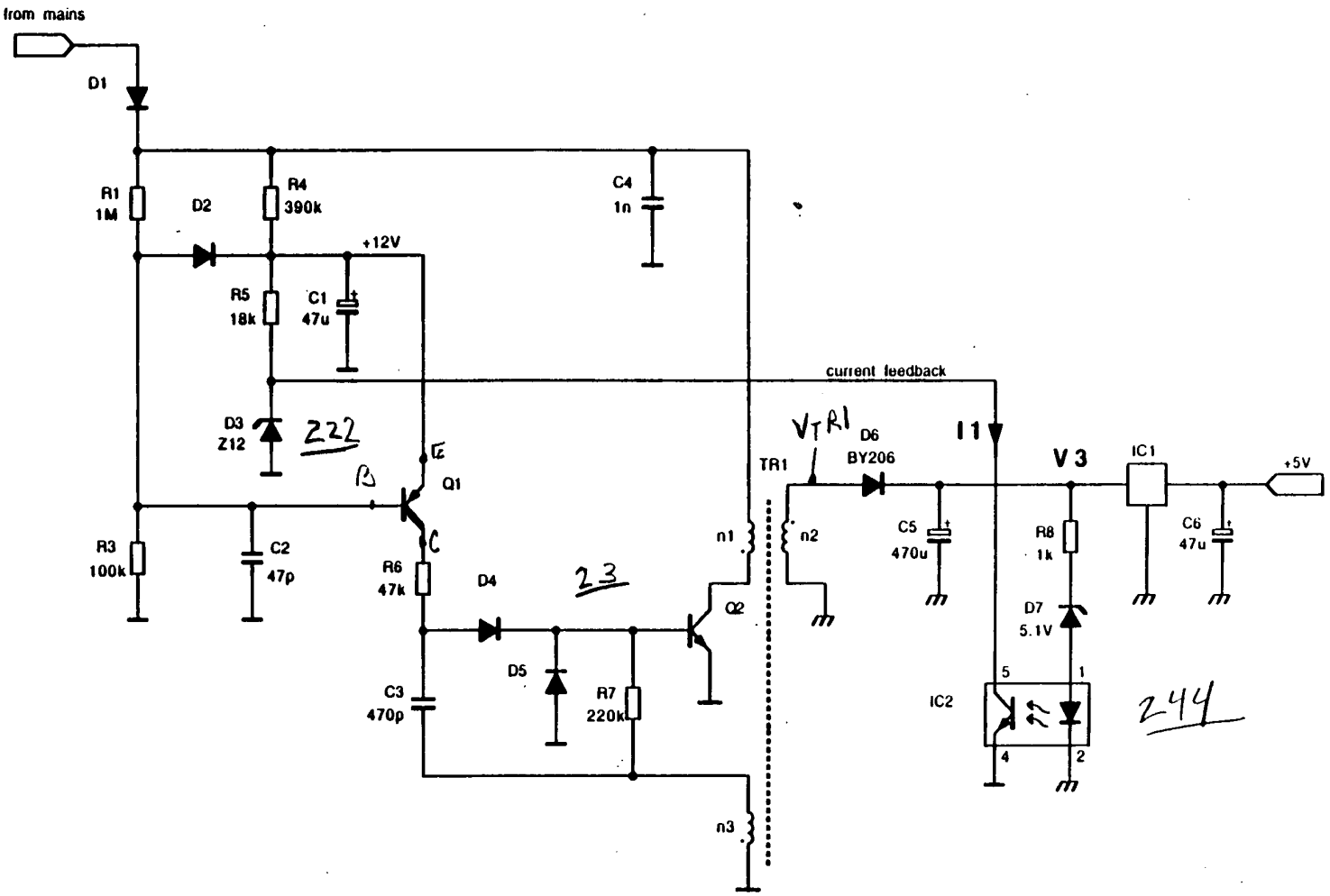

Fig. 3